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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/761,882	01/17/2001	Junichi Fujimori	393032022300	6041

25224 7590 02/25/2005

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EXAMINER

NGUYEN, STEVEN H D

ART UNIT PAPER NUMBER

2665

DATE MAILED: 02/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/761,882	FUJIMORI ET AL.	
	Examiner	Art Unit	
	Steven HD Nguyen	2665	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) 9,10,19,20 and 23 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8, 11-18 and 21-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>12/02/, 6/03, 4/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of group I in the reply filed on 10/8/04 is acknowledged.
2. This application contains claims drawn to an invention nonelected without traverse in Paper No. 10/8/04. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-8, 11-18 and 21-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Kato (WO 99/59309).

Regarding claims 1, 11 and 21, Kato discloses a connection setting apparatus comprising a connection information acquiring device that acquires first connection information from a plurality of apparatus connected to a network, each apparatus having at least one line (Page 13, lines 7-11, the device name setting 21 acquired the connection information of the nodes on the bus 1394 in order to form a table); and a generator that generates second connection information in accordance with the acquired first connection information (Page 13, lines 12-14, the device name setting 21 generates a ID device reference table based on the node ID table).

Regarding claims 2 and 12, Kato discloses an editor that edits the second connection information and a transmitter that transmits the edited second connection information (Page 13, lines 15-19, Revising the new connection information and transmitting to table for storing).

Regarding claims 3 and 13, Kato discloses an editor can edit to connect one apparatus to a plurality of apparatus (Page 14, lines 9-12).

Regarding claims 4 and 14, Kato discloses a display that displays a connection state in accordance with the second connection information (Figs 15 and 19).

Regarding claims 5 and 15, Kato inherently discloses an assigning device that assigns a name specific to each line by dividing lines into a data output side and a data input side for audio device such as camcorder.

Regarding claims 6 and 16, Kato discloses an editor that edits the second connection information by editing the connection state displayed on said display and a transmitter that transmits the edited second connection information (Page 13, lines 15-19, Revising the new connection information and transmitting to table for storing).

Regarding claims 7, 17 and 22, Kato discloses a connection information acquiring device that acquires first connection information from a plurality of apparatus connected to a network (Page 13, lines 7-11, the device name setting 21 acquired the connection information of the nodes on the bus 1394 in order to form a table); a generator that generates second connection information in accordance with the acquired first connection information (Page 13, lines 12-14, the device name setting 21 generates a ID device reference table based on the node ID table); an editor that edits the second connection information (Page 13, lines 15-19, Revising the new connection information and transmitting to table for storing); a transmitter that transmits

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connection information, said transmitter having an anisochronous port and an isochronous port (Fig 4); a receiver that receives the transmitted second connection information; and an information processor that processes information in accordance with the received second connection information (Page 13, lines 15-19, Revising the new connection information and transmitting to table for storing after receiving the information from a transmitter).

Regarding claims 8 and 18, Kato discloses the transmitter transmits the connection information from the anisochronous port and other information from the isochronous port (Fig 4).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Iwamura (USP 5883621) discloses a device control with topology map in a digital network.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven HD Nguyen whose telephone number is (571) 272-3159. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy D Vu can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to be 'SH' followed by a long horizontal stroke.

Steven HD Nguyen
Primary Examiner
Art Unit 2665
2/14/05